

Zyex World leader in PEEK fibres

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Zyex

World leader in PEEK fibres

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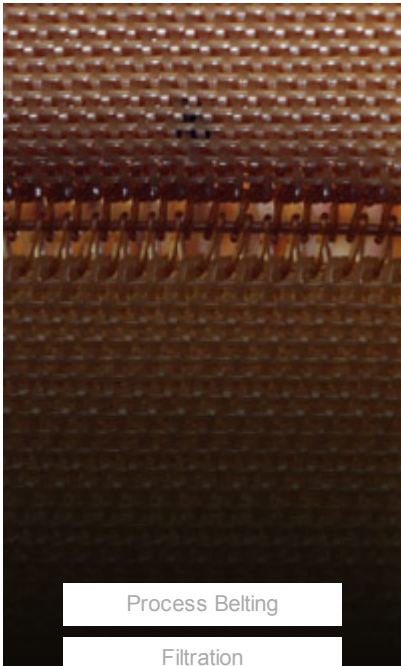
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hydrolysis resistance

Extreme operating conditions (thermal, chemical and mechanical)

Intrinsic cleanliness for food use (FDA)

Excellent surface release (non stick)



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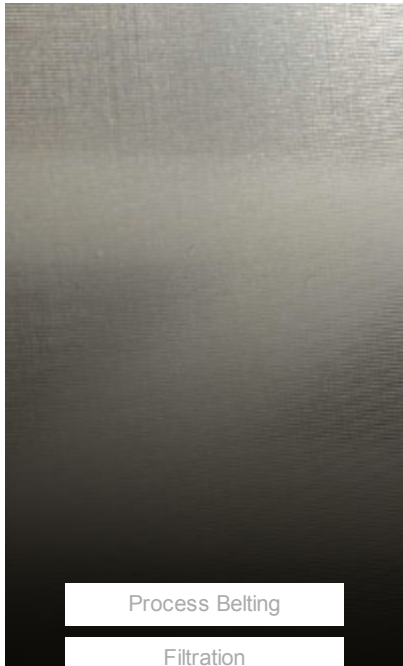
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any other high tech material

Chemical resistance

Dimensional stability and toughness

Purity for medical and pharmaceutical end-uses

Zyex sewing threads to join filter elements

Easy overmoulding

Anti-fouling surface



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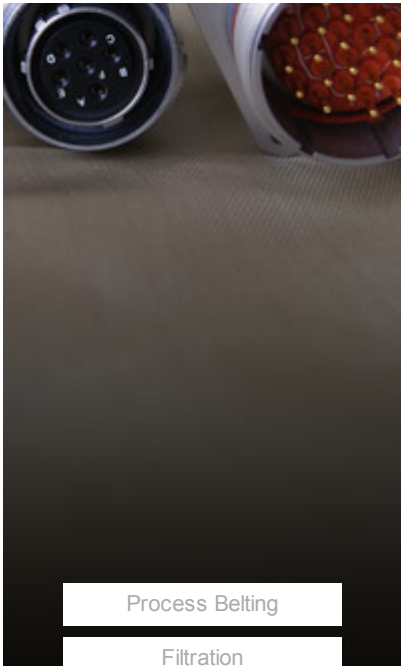
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- Light weight replacing metal or fluoropolymers
- Inherently flame retardant
- Low smoke toxicity
- Wide operating temperature range (high and low)



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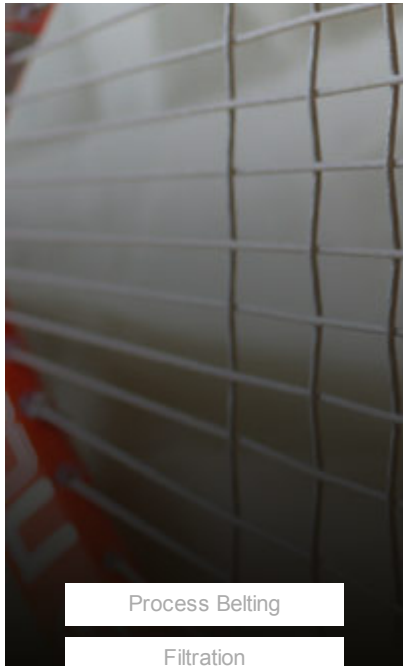
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Excellent tension holding (low creep)
Environmental stability (moisture and temperature)
Unique tonal quality and dynamic response.



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Process Belting

Zyex brings improved, even fibre distribution and drapability

Intimate mixing via staple blends and comingling with glass or carbon

Textile route advantage over pre-preg laminates for complex 3D shapes

Fracture toughness improvement for thermosets

High aspect ratio: alternative to milled/ground powder



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